Name:

p1103: Expand Product of Linear Binomials (v15)

Question 1

Expand the product of linear binomials. $(x-5)(x-2)$

$$x^2-2x-5x+10$$

$$x^2-7x+10$$

Question 2

Expand the product of linear binomials. $(x-6)(x-5)$

$$x^2-5x-6x+30$$

$$x^2-11x+30$$

Question 3

Expand the product of linear binomials. $(x+9)(x+4)$

$$x^2+4x+9x+36$$

$$x^2+13x+36$$

Question 4

Expand the product of linear binomials. $(x-5)(5x+7)$

$$5x^2+7x-25x-35$$

$$5x^2-18x-35$$

Question 5

Expand the product of linear binomials. $(5x+5)(3x-2)$

$$15x^2-10x+15x-10$$

$$15x^2+5x-10$$

Question 6

Expand the product of linear binomials. $(x+3)(x-5)$

$$x^2 - 5x + 3x - 15$$

$$x^2 - 2x - 15$$

Question 7

Expand the product of linear binomials. $(-5x-6)(-2x-9)$

$$10x^2 + 45x + 12x + 54$$

$$10x^2 + 57x + 54$$

Question 8

Expand the product of linear binomials. $(x+7)(x+1)$

$$x^2 + x + 7x + 7$$

$$x^2 + 8x + 7$$

Question 9

Expand the product of linear binomials. $(-6x-2)(-7x+3)$

$$42x^2 - 18x + 14x - 6$$

$$42x^2 - 4x - 6$$

Question 10

Expand the product of linear binomials. $(x-4)(-7x-8)$

$$-7x^2 - 8x + 28x + 32$$

$$-7x^2 + 20x + 32$$